

Converting Colors

$Y_{xy}(25.7543, 0.3100, 0.1998)$

Have a look what the booklet for
Yxy(25.7543, 0.3100, 0.1998)
contains.

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Color

Yxy(25.7563, 0.3100, 0.1998)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C962D1 |
| RGB | 201, 98, 209 |
| RGB Percent | 79%, 38%, 82% |
| CMY | 0.2118, 0.6156, 0.1804 |
| CMYK | 0.04, 0.53, 0.00, 0.18 |
| HSL | 296°, 55%, 60% |
| HSV | 296°, 53%, 82% |
| XYZ | 39.9622, 25.7563, 63.1919 |
| YIQ | 141.4510, 25.7570, 56.3570 |

Conversions

Conversions Part 2

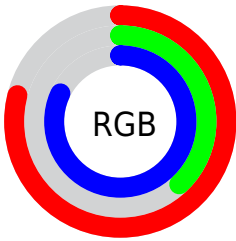
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 98, 209 |
| Decimal | 13198033 |
| CIE _{Lab} | 57.81, 56.45, -39.58 |
| CIE _{LCh} | 58, 68.942, 324.967 |
| Yxy | 25.7563, 0.3100, 0.1998 |
| Android (android.graphics.Color) | 4291388113 (0xFFC962D1) |
| YUV | 141.4510, 33.3017, 52.2245 |
| Hunter-Lab | 50.7507, 51.7413, -38.2991 |

Details

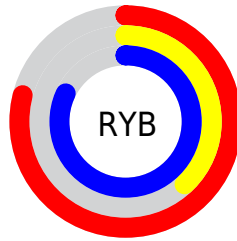
The Yxy color **25.7563, 0.3100, 0.1998** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **49.5530, 0.3096, 0.4955**, and the grayscale version is **26.6828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2625, 0.3174, 0.2302**, and **9.9183, 0.3047, 0.1664** is the 20% darker color. If you saturate the color by 10%, you get **22.1350, 0.3088, 0.1806**, and if you desaturate by 10%, it is **30.4030, 0.3110, 0.2220**.

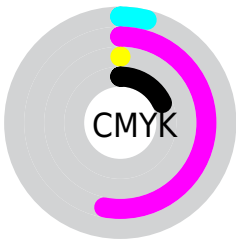
Distribution



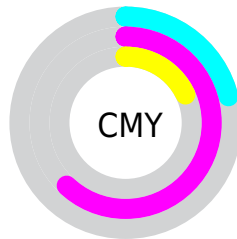
- Red (79%)
- Green (38%)
- Blue (82%)



- Red (79%)
- Yellow (38%)
- Blue (82%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7563, 0.3100, 0.1998 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.7563, 0.3100, 0.1998 by changing the saturation by 10% instead.


 25.7563, 0.3100,
0.1998


 25.7563, 0.3100,
0.1998


281.5837, 0.3141,
0.2624


 16.6414, 0.3081,
0.1851


 52.8815, 0.3122,
0.2219

 9.9792, 0.3051,
0.1670


 71.6607, 0.3128,
0.2304

 5.3851, 0.3003,
0.1441


 94.4300, 0.3132,
0.2377

 2.4750, 0.2920,
0.1150

 121.5740, 0.3135,
0.2440

 0.8641, 0.2768,
0.0782

153.4769, 0.3138,
0.2495

 0.0000, 0.2549,
0.0000

190.5233, 0.3139,


 0.0000, 0.0663,

0.2543


0.0000


233.0974, 0.3141,
0.2586


 0.0000, 0.0000,
0.0000


 25.7563, 0.3100,
0.1998


 25.7563, 0.3100,
0.1998


 22.1350, 0.3088,
0.1806

 30.4030, 0.3110,
0.2220


 19.4543, 0.3073,
0.1651


 36.1441, 0.3117,
0.2462


 17.6218, 0.3057,
0.1539

 43.0467, 0.3123,
0.2714

 16.5246, 0.3039,
0.1470

 51.1716, 0.3126,
0.2968

 16.0613, 0.3027,
0.1441

 60.5753, 0.3127,
0.3215

■ 71.3106, 0.3127,
0.3452

■ 83.4276, 0.3126,
0.3674

■ 90.2803, 0.3129,
0.3780

■ 90.5072, 0.3138,
0.3779

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.7563, 0.2114, 0.1711



25.7563, 0.3100, 0.1998



25.7563, 0.4314, 0.2525

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.7563, 0.3100, 0.1998



25.7563, 0.4762, 0.4735



25.7563, 0.1404, 0.2847

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.7563, 0.3100, 0.1998



49.5530, 0.3096, 0.4955

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.7563, 0.1910, 0.4168



25.7563, 0.3100, 0.1998



25.7563, 0.3840, 0.5387

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.7563, 0.3100, 0.1998



25.7563, 0.5322, 0.3939



25.7563, 0.2806, 0.5305



25.7563, 0.1298, 0.2035

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.7563, 0.3100, 0.1998



25.7563, 0.4983, 0.2964



25.7563, 0.2806, 0.5305



25.7563, 0.1524, 0.3244

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.7574, 0.3100, 0.1998



76.1197, 0.3125, 0.2890



17.7710, 0.2136, 0.1739



15.7173, 0.3124, 0.2837



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7574, 0.3100, 0.1998



33.9319, 0.3085, 0.1778



24.9297, 0.3742, 0.2504



11.9638, 0.3126, 0.3060



9.9205, 0.3030, 0.1443



0.5680, 0.3065, 0.1462

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.3351, 0.4557, 0.3197



29.8708, 0.5075, 0.3190



50.2239, 0.2798, 0.4272



11.8219, 0.3279, 0.3274



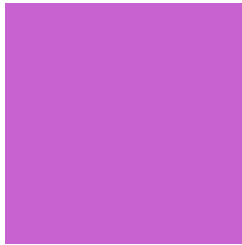
8.3847, 0.6315, 0.3253



0.4738, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 25.7563, 0.3100, 0.1998 looks on a white background.

Color Contrast Check

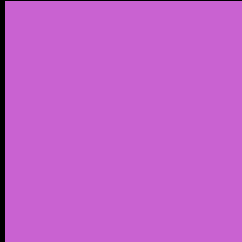
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.7563, 0.3100, 0.1998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

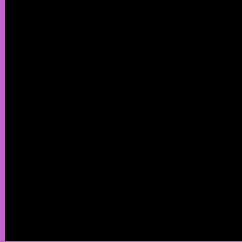
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.7563, 0.3100, 0.1998

Background



This preview shows how black text looks on a background with the Yxy color 25.7563, 0.3100, 0.1998.



This preview shows how white text looks on a background with the Yxy color 25.7563, 0.3100, 0.1998.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.7563, 0.3100, 0.1998

Protanopia

26.3035, 0.2035, 0.1828

Deuteranopia

26.0186, 0.2379, 0.2319



Tritanopia

25.8285, 0.3922, 0.3168

Trichromacy



Original Color

25.7563, 0.3100, 0.1998



Protanomaly

24.5139, 0.2295, 0.1830



Deuteranomaly

24.6847, 0.2592, 0.2136



Tritanomaly

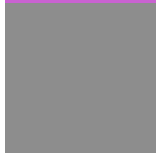
25.4053, 0.3620, 0.2683

Monochromacy



Original Color

25.7563, 0.3100, 0.1998



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.2069, 0.3122, 0.2684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7563, 0.3100, 0.1998 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 98, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 98, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 98, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 98, 209) }
```

Border

The CSS property to change the border of an element to Yxy 25.7563, 0.3100, 0.1998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 98, 209) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 98, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 98, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 98, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 98, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 98,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7563, 0.3100, 0.1998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 98, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201, 98,  
209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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